The Jurassic Coast Protected Site Strategy

Content and Engagement Outcomes



Session Content

- Who Am I?
- What is the Geo-Heritage Sustainability Study (Protected Site Strategy)?
- What have we done so far?
- What is short form video, and why should you care?
- How we can use social media to communicate with the public?



Who Am I?

Saskia Elliott

Current Role:

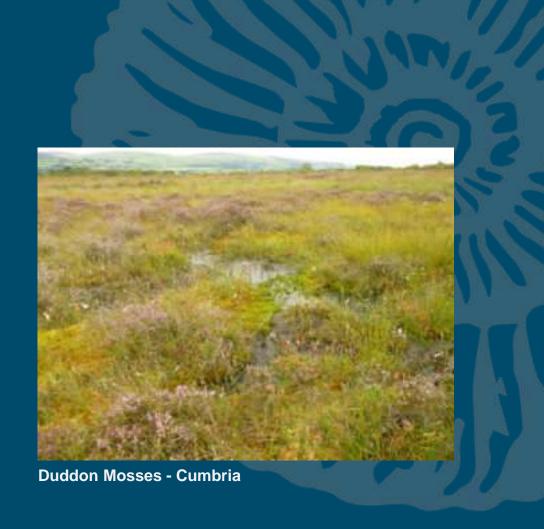
Protected Site Strategy Officer at the Jurassic Coast Trust





Protected Site Strategies

- ► Environment Act 2021 requirement
- ► Aims to address challenges faced at key sites (eg Sites of Special Scientific Interest - SSSIs)
- ► Focuses on research -> evidence-based action





Protected Site Strategies

5 pilots:

- Cumbria for hydrology
- Humber for nature networks
- Clun for water quality/land-based enterprise
- ► Peak District for regenerative farming
- Sussex for deer management

PLUS 7 additional "research and development" locations, of which the Jurassic Coast is one!



https://naturalengland.blog.gov.uk/2022/06/16/springing-into-action-with-protected-site-strategies-for-natures-recovery/



Our Project Goals

Context desk study

Including Master Table (Including protection mechanisms and relevant WHS attributes)

Research and development

- Research to include predicted site boundary mapping to understand sea level rise
- ► Finalise and write up 'WHS Character Areas' drawing on all of the above

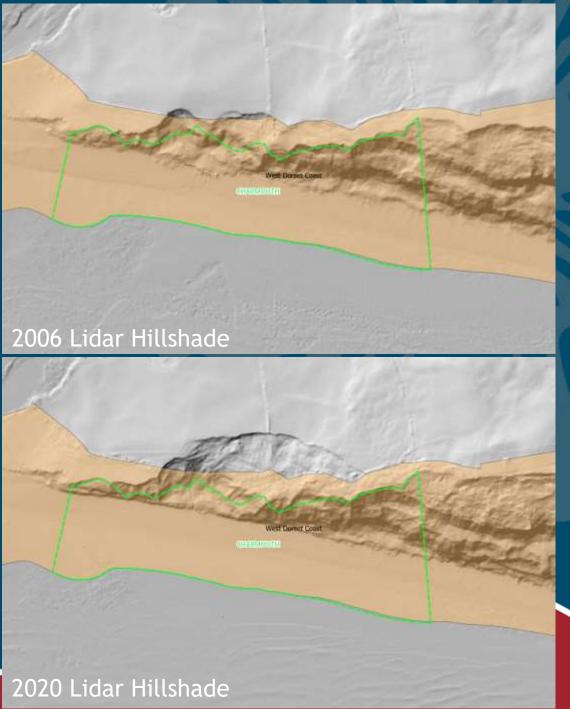
Potential Outputs

- Produce a Jurassic Coast Supplementary Planning Guidance/Document (The Protected Site Strategy)
- GIS Platform for JCT
- ► Agree sustainable management goals for each "Character Area" based on
 - ► Current condition
 - Current and predicted threats
 - ▶ Sensitivities identified in the functional setting and in the experiential setting



Why Are Boundaries Important?





Creating the Baseline

Step 2 - using this to create a master sheet:

WH section	SMP policy information												
	policy unit	name / location	Short Term	Med Term	Long Term	General Description	WHS Protection mechanisms (including GCRs)	GCR Condition Date GCR Last Assessed		SSSI Units Included	SSSI Unit condition	Date SSSI Units Last Assessed	Associted National / Landscape Character Areas and priority habitats
Chesil, the Fleet and Purtland Coast	523	King's Per to Portland Bill	NA	RAI		portland, including East Ween, grove citf, Uttle Beach, Church Ope Cove.	4 GCRs 1543 - Portland Bill for raised beach, 996 - Freshwater bay for portlandish to berriasian stratigraphy, 1002 - yeolands - grove citff for portlandian to berriasian stratigraphy, and 1198 - West Cliff-Kingbarrow-Veolands & Grove Cliff, Portland for jurassic-Cretaceous reptilia Isle of Portland SSSI Studiand to Portland SAC Regionally important Geological Site (RIGS): Isle of Portland	Fevourable			36 - favourable 38 - favourable 38 - favourable 39 - favourable 40 - favourable 19 - favourable 10 - favourabl	other and generally evaluations of a the LOM recommends review. The sales of the sale and sumpassions. The sales of the sale on the sales sales are as a sales on the sales sales as a sales of the sales of the sales sales of the sales on the sales of the sales of the sales on the sales of the sales of the sales govern the sales and sales on a sales of the sales on a sales of the sales of the sales of the sales of the sales of the sales of the sales of the sales of the sales	region years to forethic of conditions media. And conditions were all and conditions are all and conditions are all and conditions are all and professions and contribu- gations are and contributions and contributions are all and contributions are all and contributions. And contributions are all and contributions are all contributions are all contributions are all contributions and contributions are all contributions are all c

This after show what is probably the most important raised beach locality on Britan's south seest. It privates smooth for you manne species (if ignorithian and pre-ipoviction ages), socceeded by a period of soil formation, and a cold phase with periglacle conditions. The ignorithian beach has yielded an exceptional number of species of temperate methods, in total, the lithostratigraphic evidence and the geochemical duting potential make Portland Bill a site of the highest importance for Philipson's studies.



Creating the Baseline

Introducing a World Heritage Interpretation:

WH section	SMP policy information											
	policy unit	name / location	Short Term	Med Term	1000 CH	General Description	Stratigraphy & structure	Palaeontological Record		Ongoing Scientific investigation, educational use and role in the history of science	Underlying Geomorphological processes in the setting on the Site	Complimentaery inland geo-sites
Chesil, the Fleet and Portland Coast	5g23	King's Per to Portland Sill	SAAI	NAI	NAI	Area encompasses the majority of the east side of portiand, including East Wears, give citt, Little Beach, Church Ope Cove.	isle of Portland is type area for portlansian to berilacian stredgraphy freshwater bay has most accessible sections for the junction between the Portland Clay and the Basal Shell Bed. Raised beach, stratignaphic evidence for two marine episodes of spewichism and pre (powichian ages), succeeded by a perilod of soil formation, and a cold phase with periglacial conditions.	exceptional number of species of temperate-water motivace. Purbeck sight stromatolities well-displayed by sections above the micrities and partir reefs at yeolands-grove cliff restrivator Bay is the reference section for the base of the Trianities angultomiss Zone, the some which contains the famous trianities fauns of the Portland	the Quaternary raised beach in the soum. It is proposed (Davis & Keer, 1963) that there is a correlation with oxygen isotope rage 5 is: 125,000 BP) for the beach on the east side of Portland Bill and a correlation with oxygen isotope stage 7 ic: 210,000 BP) for	dating potential make it a site of the highest importance for Pleistocene studies. Racied beach can be used for teaching about ice age/climate cycles in	The entirety of Portland is also a limestone pennisula island connected only by a barrier beach. Offshore - The Shambles - anticlockwise tidal eddy east of the headland	Portland Museum Tout Querry Sculpture Perk & Nature Reserve



How Can Social Media Help?







What is Short-Form Video?



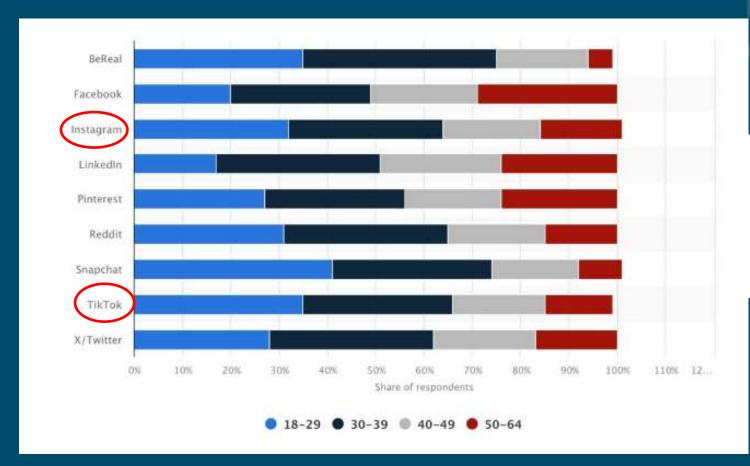
Al Overview

Learn more

Short-form videos are brief and concise video content that are usually under 10 minutes long, but can range from a few seconds to a few minutes. They are designed to grab the viewer's attention and quickly convey a message. Short-form videos are often filmed vertically and are popular on social media platforms like TikTok, Instagram, and YouTube, where users have shorter attention spans.



What is Short-Form Video?



"Most used" social media by age

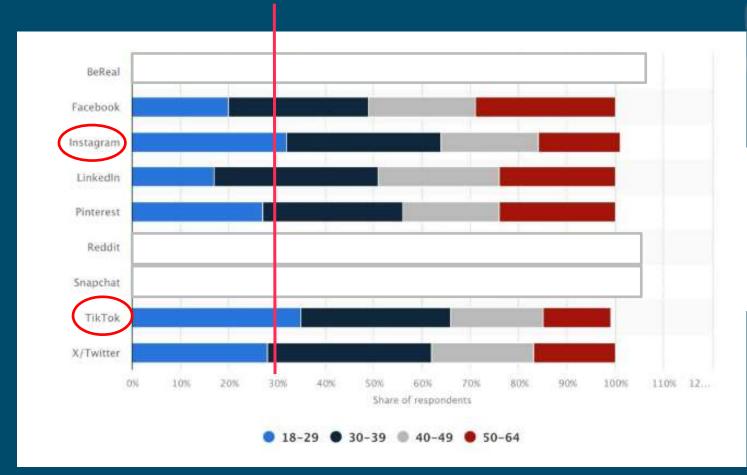
- YouTube gets about 25 percent of the global mobile traffic;
- YouTube is used by 1/4th of the world population;
- More than 2.3 billion subscribers regularly visit YouTube every month;
- YouTube Shorts got 3.5 billion daily views in 2020;
- More than 70% of YouTube Watch Time Is on Mobile;
- YouTube Shorts Are Growing 135 Percent Year Over Year And Have Over 1.5 Billion Monthly Users;

Source:

https://storylab.ai/youtube-video-shorts-statistics/#youtube-shorts-statistics



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Doublinge

200m years old, surely not exposed for thar long though? would you happen to know how long we have had the honour of seeing it?

4d ago



Reply



Why is it illegal to remove a piece if it's going to @a-b0t633 4 days ago erode away on it's own in a short period?

图3 见

Reply

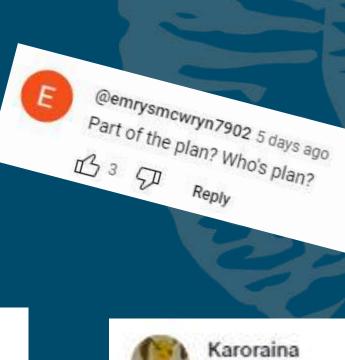


@MrMakeDo 4 days ago

Sustainable? Surely that means there would have to be new fossils being created which they're not. Fossils are sustainable as oil.

B3 7

Reply





that is cool

5d ago

Reply



How Does This Help?





Opportunity to engage



Doublinge

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4d ago



Reply



How Can This Help?

- ▶ Wider reach
- ► Interactive Two-Way Conversation
- ► Cost-effective
- ▶ Visual
- ► Transparency/Trust
- ► Targeted Messaging(?)





Thanks for Listening!

See more information about the GSS / PSS project:



